Applied Ergonomics

Index to volume 6 (1975) nos 1–4, pp 1–258

A

Abstracts 48, 114, 180, 241
Absences and safety, Over-3-day
C.R. Senneck 147
Accident prevention 250
Accidents, Boom angle indicator helps eliminate crane 253
– , Drop in electricity 254
Acro-osteolysis 60
Agriculture, Protective helmet for 187
Aids, Drawing 127
– for disabled 120
– investigation into learning processes of mentally handicapped children, Minicomputer 251
American Standard for the handicapped, Revising the 193
Annual Report of Chief Inspector of Factories 62
ASI on man-computer interaction 63
Attendance indicator for flexible working hours 55

Authors

Bainbridge, Lisanne 9
Barnard, P. 213
Brigham, F.R. 90
Browning, A.C. 17
Burnhill, P. 39
Clarke, M.J. 97
Corlett, E.N. 23
Cox, R.L. 104
Derks, P.M. 155
Dillon, J. 221
Drury, C.G. 159
Fisher, G.H. 104
Galer, I.A.R. 158, 221
Gray, Morven 81
Harten, G.A. 155
Hartley, J. 39
Hopkin, V.D. 196
Ivergård, T. 225
Konz, S. 32
Lee, Mary 171
Lovesey, E.J. 139
Mercel, D.I. 67
Moore, T.G. 33
Oborne, D.J. 97
O'Neill, D. 205
Pheasant, S. 205
Poulton, E.C. 3, 231
Ricketts, S. 171
Senneck, C.R. 147
Shackel, B. 43
Siegel, J. 132
Sinclair, M.A. 73
Stockbridge, H. 171
Tainsh, M.A. 209
Taylor, R.M. 196
Thomas, W.H. 159
Tomlinson, R.W. 23
Van Nes, F.L. 43
Weitzman, D.O. 132
Wright, Patricia 213
Young, Margrette 39
Zajkowski, M.M. 159

Awards, Design 185

B

Bed, Hospital 186
Behaviour and supervisory control, Monitoring 125
Belt with fall shock-absorber, Safety 186
Biological telemetering gear 187
Biomechanics monograph, Occupational 253
Blind, Information service for the 257
Book, Health and Safety Law 190

Books

Ethnic variables in human factors engineering
Edited by Alphonse Chapanis 239
Humanscale
N. Diffrient, A.R. Tilley, Joan C. Bardagjy
(Joan Ward) 173
Human operator in process control, The
Elwyn Edwards, F.P. Lees 172
Man and computer in process control
Elwyn Edwards, F.P. Lees 172
Statistics for human sciences
M. Hammerton 239
Techniques for the analysis of human movement
D.W. Grieve, Doris Miller, D. Mitchelson, J. Paul, A.J. Smith 239

Books received

Behaviour and the physical environment 174
Benefits for mankind 174
Bicycling science: Ergonomics and and Mechanics 240
Data processing case histories 46
Design awareness and planned creativity in industry 240
Economics of industrial innovation, The 46
Humanizing the workplace 174
Kitchen sense for elderly or disabled people 174
Les accidents du travail 174
Occupational biomechanics (The anatomical basis of work-place design) 240
Quantitative prediction of physiological and psychological effects of thermal environment in man 240
Shift work: Economic advantages and social costs 240
Wages and Salaries 46
Who's who in computing 240

Boom angle indicator helps eliminate crane accidents 253
Braille, 150 years of 237
Brazil: Ergonomics in
B. Shackel and F.L. van Nes 43
British business, Social responsibilities of 123

C

Call for papers for the Sixth Congress of the IEA 191
Cardio store monitor 127
Carrying frame for the physically disabled 62
Car starting sequence and seat belt reminders
J. Dillon, I.A.R. Galer 221
Casualties in 1974, Fewer pit 254
CCTV inspection system 61
Central control for electricity distribution 55
Centre for Industrial Language Training opened, National 190
C-frame presses: The ergonomics of open-fronted
R.W. Tomlinson and E.N. Corlett 23
Children, Safety stove guard protects 252
– , Vehicle seat for 125
Choice of machine colour, Worker 254
City transport of the future – the high-speed pedestrian conveyor Part 2: Ergonomic considerations of complete conveyor systems
A.C. Browning 17
Civil Aviation Authority (1971–75), Ergonomics within the
Mary Lee, S. Ricketts, H. Stockbridge 171
Clothing size system, International 189
Code, Truck Safety 190
Coding, Harmonised commodity description and 251
Colour, Worker choice of machine 254
Colours for sizes
E.C. Poulton 231
Commodity description and coding, Harmonised 251
Communication system, Information processing in an urban fire department
J. Wiegel, D.O. Weitzman 132
Computer based time recording system 56
– input, Direct 255
– schooling 122
– systems: Voice operated 45
– terminal with large print facility 257
Conference on 'Human Factors in the design and operation of ships' 124

Conferences

Annual Conference, Ergonomics Research Society, Egham, Surrey 175
18th International Congress on Occupational Health, Brighton 247
Health and Safety at Work, London 112
Människor och Datorer, Sweden 111
Practical application of ergonomics in industrial processes, West Germany 111
PROMSTRA Seminar, Sweden 47

Consumer Ergonomics, The Institute for
I.A.R. Galer 158
Control, Safety 250
Controlling noise on construction and demolition sites 253
Cooling unit, Personal 187

D

Delayed action key for industrial safety 60
Design and analysis, Some quantitative considerations in questionnaire
F.R. Brigham 90
– and operation of ships', Conference on 'Human Factors in the 124
– Awards 185
–, Ergonomic principles and map 196
–, Exhibition and symposium to examine social contribution of 191
–, Manual to assist restaurant 252
– of food scoops
S. Konz 32
–, Questionnaire
M.A. Sinclair 73
Designers, 'Just fill in this form' A review for
Patricia Wright, P. Barnard 213
Designing buses to help the disabled 54
Direct computer input 255
Disabled, Aids for 120
– professional people, Employment of 190
– to walk, Minicomputers help the 256
Drawing aids 127
Drop in electricity accidents 254
Dust absorbent mats 192
– retentive mat 254

E

ECG, Recording 252
Electricity, Safe use of 126
Electronic scoreboard 251
Employment of disabled professional people 190
Enforcement powers, Health and Safety inspectors use new 188
Engineering design guides 59
Ergonomic factors, The helicopter – some
E.J. Lovesey 139
– principles and map design
R.M. Taylor, V.D. Hopkin 196
Ergonomically improved lathe, A new
G.A. Harten, P.M. Derks 155
Ergonomics for the workers in Sweden
T. Ivergård 225
– in Action: Human Factors at SUNY at Buffalo
W.H. Thomas, C.G. Drury, M.M. Zajkowski 159
– in Brazil
B. Shackel and F.L. van Nes 43
– of open-fronted C-frame presses, The
R.W. Tomlinson and E.N. Corlett 23
–, The Institute for Consumer
I.A.R. Galer 158
– within the Civil Aviation Authority (1971–75)
Mary Lee, S. Ricketts, H. Stockbridge 171
ERS Industrial Meeting 127
Exhibition and symposium to examine social contribution of design 191
Eye safety glasses, Worker 187

F

Faces, Recognising human
G.H. Fisher, R.L. Cox 104
Factors Workshop on Highway Transportation, Human 191
Factory data collection system 54
Familiar styling of electronic medical instruments 120
Fewer pit casualties in 1974 254
Filing system 257
Fire alarm systems 57
Flexible hours reviewed 188
– working system refinement 60
Food scoops: Design of
S. Konz 32
Footwear for swimming and diving, Webbed 120
Four-component dynamometer for ergonomics research 57
Fraud-proof identity 186

G

Gas detector, Personal 125
German safety law publication 55
Glasses, Worker eye safety 187
Graphic computer input 59
Gripping and turning – a study in hand/handle effectiveness, Performance in
S. Pheasant, D. O'Neill 205
Ground proximity warning system 193
Guard, Moulding machine 250
– protects children, Safety stove 252
Guidance, Health and safety policy 189

H

Hand/handle effectiveness, Performance in gripping and turning – a study in
S. Pheasant, D. O'Neill 205
Handicapped children, Minicomputer aids investigation into learning processes of mentally 251
–, Typewriter for 126
–, Revising the American Standard for the 193
Harmonised commodity description and coding 251
Health and safety inspectors use new enforcement powers 188
– and Safety Law Book 190
– and safety policy guidance 189
Hearing loss, The law of noise-induced 187
– protection 55
Heat stress and ventilation 255
Helicopter – some ergonomic factors, The
E.J. Lovesey 139
Helmet for agriculture, Protective 187
High-speed pedestrian conveyor: City transport of the future, The
Part 2: Ergonomic considerations of complete conveyor systems
A.C. Browning 17
Highway Transportation, Human Factors Workshop on 191
Hospital bed 186
Hours reviewed, Flexible 188
Human-environment 60
– Factors at SUNY at Buffalo, Ergonomics in Action:
W.H. Thomas, C.G. Drury, M.M. Zajkowski 159
– factors in the design and operation of ships', Conference on 124
– Factors Workshop on Highway Transportation 191
– movement studies 190

I

ICI safety code 125
Identity, Fraud-proof 186
Improving job satisfaction 59
Indicator helps eliminate crane accidents, Boom angle 253
Industrial chemicals safety manual 255
– engineering report 57
– exhaust silencers 192
– Injuries Council, PVC manufacture: request to 253
– push-buttons
T.G. Moore 33
Information processing in an urban fire department cummunication system
J. Siegel, D.O. Weitzman 132
– service for the blind 257
Inspectors use new enforcement powers, Health and safety 188
Institute for Consumer Ergonomics, The
I.A.R. Galer 158
International clothing size system 189

J

Journal from Turkey, Planning 253
Judgement: Measuring by
Lisanne Bainbridge 9
'Just fill in this form' A review for designers
Patricia Wright, P. Barnard 213

L

Laboratory, Mat protection for computer 191
Language Training opened, National Centre for Industrial 190
Lathe, A new ergonomically improved
G.A. Harten, P.M. Derks 155
Law Book, Health and Safety 190
– of noise-induced hearing loss, The 187
Letters
Lighting code changes
D. Ferguson 47
Pedestrian conveyors/Procrustes
C.D. Colchester 128
Life at sea, The quality of 124

M

Machine guard, Moulding 250
Magnetized bib for tools 122
Magnifier for close scrutiny work, Miniature 254
Maintenance on small power presses, Toolsetting and
D.I. Mercel 67
Making powders dust-free 121
Manual to assist restaurant design 252
Map design, Ergonomic principles and, 196
Mat, Dust retentive 254
– promotes cleanliness and hygiene 55
– protection for computer laboratory 191
Mats, Dust absorbent 192
Measuring by judgement
Lisanne Bainbridge 9
– system, 6-component 121
Medical instruments, Familiar styling of electronic 120
Meters, Noise 190
Metrication in retail trade 123
Microscope, Stereo 192

Miniature edge control developed 54
– magnifier for close scrutiny work 254
Minicomputer aids investigation into learning processes of mentally handicapped children 251
Minicomputers help the disabled to walk 256
Minitram report, Sheffield 121
Monitor, Cardio store 127
Monitoring behaviour and supervisory control 125
More coal – safely 121
– on work and women 126
Moulding machine guard 250
Movement studies, Human 190
Multi-purpose tool 193
– -revolution dial platform weigher 58
Musical ear-defenders 58

N

National Centre for Industrial Language Training opened 190
Naval environmental medical research 57
New ergonomically improved lathe, A
G.A. Harten, P.M. Derks 155
– hearing aid for NHS 59
1975 ERS Conference papers 63
Noise-induced hearing loss, The law of 187
– meters 190
– on construction and demolition sites, Controlling 253
–, Vehicle 125

O

Observer bias
E.C. Poulton 3
Occupational biomechanics monograph 253
– deafness 59
Offices and privacy, Open-plan 186
– and shops, Ten years of progress in 123
150 years of Braille 237
On the typing of tables
J. Hartley, Margrette Young, P. Burnhill 39
Open-plan offices and privacy 186
Operational setting, Vigilance in an 255
Oscilloscope designed for easy use 124
Over-3-day absences and safety
C.R. Senneck 147

P

Passenger comfort, Questionnaire surveys of
D.J. Oborne, M.J. Clarke 97
Pedestrian conveyor – City transport of the future – the high speed (Part 2)
A.C. Browning 17
Personal cooling unit 187
Personal gas detector 125
People, Employment of disabled professional 190
Performance in gripping and turning – a study in hand/handle effectiveness
S. Pheasant, D. O'Neill 205
Pilot display developments 56
Planning journal from Turkey 253
Portable jogging exerciser 61
Powders dust-free, Making 121
Power presses, Toolsetting and maintenance on small
D.I. Mercel 67
Prevention, Accident 250
Procrustes 2, 110, 154, 236
Production, Questionnaire typography and
Morven Gray 81
Progress in offices and shops, Ten years of 123
Protection for computer laboratory, Mat 191
– of eyes regulations 59
Protective helmet for agriculture 187
Push-buttons: Industrial
T.G. Moore 33
PVC manufacture: request to Industrial Injuries Council 253

Q

Quality of life at sea, The 124
Questionnaire design
M.A. Sinclair 73
– design and analysis, Some quantitative considerations in
F.R. Brigham 90
– surveys of passenger comfort
D.J. Oborne, M.J. Clarke 97
– typography and production
Morven Gray 81

R

Recognising human faces
G.H. Fisher, R.L. Cox 104
Recording ECG 252
Review for designers, 'Just fill in this form' A
Patricia Wright, P. Barnard 213
Rail or air seating 250
Residential standards for the handicapped 54
Retail trade, Metrication in 123
Revising the American Standard for the handicapped 193
Road safety of children 256

S

Safely, More coal – 121
Safety award, Third successive 124
– belt with fall shock-absorber 186
– code, ICI 125
– Code, Truck 190
– control 250
– glasses, Worker eye 187
– inspectors use new enforcement powers, Health and 188
– Law Book, Health and 190
– manual, Industrial chemicals 255
– of children, Road 256
– of scaffolding report 57
–, Over-3-day absences and
C.R. Senneck 147
– policy guidance, Health and 189
–, Slide projector 121
– spectacle 127
– start module, Two-hand 254
– stove guard protects children 252
Safe use of electricity 126
Schooling, Computer 122
Seat belt reminders, Car starting sequence and
J. Dillon, I.A.R. Galer 221
– for children, Vehicle 125
Seating, Rail or air 250
Sheffield minitram report 121
Shock-absorber, Safety belt with fall 186
Silencers for pneumatic machines 54
–, Industrial exhaust 192
Single-handed stretcher 192
6-Component measuring system 121
Sixth Congress of the IEA, Call for papers for the 191
Sizes, Colours for
E.C. Poulton 231
Size system. International clothing 189
Slide projector safety 121
Social responsibilities of British business 123
Some quantitative considerations in questionnaire design and analysis
F.R. Brigham 90
Starting sequence and seat belt reminders, Car
J. Dillon, I.A.R. Galer 221
Stereo microscope 192
Stress and ventilation, Heat 255
Stretcher, Single-handed 192
Studies, Human movement 190
Surveys of passenger comfort, Questionnaire
D.J. Oborne, M.J. Clarke 97
Symptoms reported by long distance travellers, The
M.A. Tainsh 209
System, Filing 257
–, Ground proximity warning 193
–, International clothing size 189

T

Telemetering gear, Biological 187
Ten years of progress in offices and shops 123
Third successive safety award 124
Tool, Multi-purpose 193
Tools, Magnetized bib for 122
Toolsetting and maintenance on small power presses
D.I. Mercel 67
Truck Safety Code 190
Tube expels total contents 55
Two-hand safety start module 254
Typewriter for handicapped 126
– scope extended 120
Typing of tables: On the
J. Hartley, Margrette Young, P. Burnhill 39
Typographic coding – further comments 46
Typography and production, Questionnaire
Morven Gray 81

V

Vehicle noise 125
– seat for children 125
Ventilation, Heat stress and 255
Vibration syndrome 189
Vigilance in an operational setting 255
Voice operated computer systems 45

W

Warning system, Ground proximity 193
Webbed footwear for swimming and diving 120
Wiring loom assembly simplified 256
Women and work 122
Work, Miniature magnifier for close scrutiny 254
– study and O & M 59
–, Women and 122
Worker choice of machine colour 254
– eye safety glasses 187
Workers in Sweden, Ergonomics for the
T. Ivergård 225